



A2820

-FWC-B-240/31259

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Soderlund et al.  
Serial No. : 08/465,322 Examiner:  
Filed : June 5, 1995 Group Art Unit:  
For : METHOD AND REAGENT FOR  
DETERMINING SPECIFIC  
NUCLEOTIDE VARIATIONS

#5  
2098  
8-19-96INFORMATION DISCLOSURE STATEMENT

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

September 5, 1995  
Date of Deposit

Rochelle K. Seide  
Attorney Name

Rochelle K. Seide  
Signature

32,300  
PTO Reg. No.

September 5, 1995  
Date of Signature

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, applicants request that the references listed below (in reverse chronological order) and on the attached Form PTO-1449 be made of record in the present application. The present application is a continuation of application Serial No. 08/162,376 filed December 2, 1993, now in Interference No. 103,562, which is a file wrapper continuation of application Serial No. 07/656,575, filed February 15, 1991, abandoned, which is a continuation-in-part of application Serial No. 07/482,005, filed February 16, 1990, abandoned.

Pursuant to the provisions of 37 C.F.R. 1.98(d), copies of the cited references are not being provided since they are of record in the above-cited chain of applications.

- (1) EP 0412883, Bertin & Cie, March 13, 1991.
- (2) PCT Publication WO 89/10414, November 2, 1990.
- (3) PCT Publication WO 90/11372, October 4, 1990.
- (4) PCT Publication WO 90/9455, Geneco Pty. Ltd., August 23, 1990.
- (5) Mullis, Scientific American, pp. 56-65, April, 1990.
- (6) PCT Publication 0899282, Holmes, March 22, 1990.
- (7) Syvanen et al., Genomics 8:684-692, (1990).
- (8) EP 0371437A3, November 28, 1989.
- (9) EP 03070694, November 16, 1989.
- (10) PCT Publication WO 8909835, October 19, 1989.
- (11) EP 336731, October 11, 1989.
- (12) EP 332435, September 13, 1989.
- (13) U.S. Patent No., 4,863,849, Melamede, September 5, 1989.
- (14) EP 0357011, August 30, 1989.
- (15) EP 329822, August 30, 1989.
- (16) U.S. Patent No. 4,851,331, Vary et al., July 25, 1989.
- (17) U.S. Patent No. 4,840,892, Adams, June 20, 1989.
- (18) PCT Publication WO 89/09835, April 7, 1989.
- (19) EP 0333465, March 15, 1989.
- (20) EP 0332435, March 9, 1989.
- (21) U.S. Patent No., 4,800,159 Mullis et al., January 24, 1989.
- (22) PCT Publication 0297379, Dattagupta, January 4, 1989.

- (23) Kaus et al., Journal Of Clinical Investigation,  
83:1095-1101, (1989).
- (24) Kerem et al., "Identification of the Cystic  
Fibrosis Gene: Genetic Analysis," Science,  
245:1073-1080 (1989).
- (25) Antonarakis, "Diagnosis of Genetic Disorders at  
the DNA Level," N. Engl. J. Med., 320:153-163  
(1989).
- (26) Mahley, "Apolipoprotein E: Cholesterol Transport  
Protein With Expanding Role in Cell Biology,"  
Science, 240:622-630, (1988).
- (27) Morel et al., "Aspartic Acid at Position 57 of the  
HLA-DQ B Chain Protects Against Type I Diabetes: A  
Family Study," Proc. Natl. Acad. Sci. USA,  
85:8111-8115, (1988).
- (28) Scharf et al., "HLA Class II Allelic Variation and  
Susceptibility to Pemphigus Vulgaris," Proc. Natl.  
Acad. Sci. USA, 85:3504-3508, (1988).
- (29) Thomson, "HLA Disease Associations: Models for  
Insulin Dependent Diabetes Mellitus on the Study  
of Complex Human Genetic Disorders," Annu. Rev.  
Genet. 22:31-50, (1988).
- (30) Farr et al., "Analysis of RAS Gene Mutations in  
Acute Myeloid Leukemia by Polymerase Chain  
Reaction and Oligonucleotide Probes," Proc. Natl.  
Acad. Sci. USA, 85:1629-1633 (1988).
- (31) EP 237362, September 16, 1987.
- (32) U.S. Patent No. 4,683,202, Mullis, July 28, 1987.
- (33) U.S. Patent No., 4,656,127, Mundy, April 7, 1987.

- (34) Mullis & Faloona, "Specifi. Synthesis of DNA in vitro v.s. Polymerase-Catalyzed" Chem. Reaction. Meth. in Enzymol. 155, 335 (1987).
- (35) McMahon et al., "Characterization of c-Ki-ras oncongene..." Proc. Natl. Acad. Sci. USA, Vol. 84, pp. 4974-4978 (1987).
- (36) EP 0123513, April 18, 1984.
- (37) McLean et al., "human Apolipoprotein E mRNA..." J. Biol. Chem. 259:6498-6504 (1984).
- (38) Bos et al., "Prevalence of ras Gene Mutations in Human Colorecta Cancers," Nature 327:293-297 (1987).
- (39) Kleppe et al., "Studies on Polynucleotides," J. Mol. Biol., 56:341-361 (1971).

Respectfully submitted,



Richard S. Clark  
Patent Office Reg. No. 26,154

Rochelle K. Seide  
Patent Office Reg. No. 32,300

Attorneys for Applicant  
(212) 408-2626

Enclosure